

ABSTRACT

The present invention relates to display, in particular to a liquid crystal display illuminated by ambient light. The display has a display area, and a light guide system for providing light to the display area, the light guide system comprising: a planar light guiding layer comprised of liquid crystal material and having a light emitting surface and a plurality of side faces disposed around the light emitting surface; a plurality of light pipes, each light pipe having a collector end for collecting ambient light and an output end, the output ends being arranged along the side faces of the light guiding layer so as to introduce the collected light into the guiding medium. The output ends of the light pipes are distributed evenly along each side face of the light guiding layer so as to provide homogeneous illumination to the display area.